Item No. 8(f)
May 5, 2014

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Resolution No. 8738, authorizing execution of a professional services agreement with MWH Americas, Inc. for engineering services for Midlakes Pump Station Capacity Improvements - Design and Bidding Services, in the amount of $577,198.68 (CIP Plan No. S-61).

FISCAL IMPACT

This contract obligates the City to an amount up to $577,198.68. This work is included in the 2013-2019 CIP. Sufficient budget exists to fully fund this contract as follows:

CIP Plan No.	CIP Program	Amount
S-61	Midlakes Pump Station Capacity Improvement	$577,198.68
	Total	$577,198.68

STAFF CONTACT

Nav Otal, Director, 452-2041
Paul Bucich, Assistant Director of Engineering, 452-4596
Utilities Department

POLICY CONSIDERATION

Utility Department policies:

- The Utility shall invest resources as necessary to construct, maintain and renew sewer system infrastructure and equipment such that Utility customers are provided consistent, reliable service.

City Comprehensive Plan policies:

- Base the extension and sizing of system components on the land use plan of the area. System capacity will not determine land use.

Utility Department practice:

- The City's practice is to provide sufficient sewer capacity to allow planned development. The current pump station capacity would limit downtown redevelopment. CIP Plan Number S-61 has been designated to replace the current station to provide sufficient capacity to meet the needs of planned growth in the eastern part of downtown Bellevue.

City Contracting policies:

- BCC 4.28 provides for the fair and equitable treatment in the purchasing process. Because the amount of the contract exceeds $50,000, Council approval is required.

BACKGROUND

The existing Midlakes wastewater pumping station was constructed in 1968 and rehabilitated in 1994 and is located at approximately 12730 NE Bel-Red Road in a paved area adjacent to the Coca-Cola bottling plant. The City of Bellevue has recently rezoned several areas within the service area limits of this pump station. The existing pump station has a capacity of 800 gallons per minute and will not be capable of conveying the increased sewage flow anticipated to be produced by this rezone. A capacity analysis of the Midlakes sewer basin indicates the expected wet weather and dry weather peak flows from the potential full-build-out conditions to be 1695 gallons per minute and 1213 gallons per minute respectively.

Since the expected future flow is more than twice the capacity of the existing pump station, and due to the complexity involved in retrofitting and expanding the existing pump station, a new pump station will be constructed with the necessary capacity.

Construction is planned for 2015-2016 based on the rate of development/redevelopment in the rezoned area. The cost for the added capacity will be collected through connection charges from new developments.

The consultant selection process for this project was consistent with City policies and procedures. From the City's Roster, seven firms were contacted and requested to submit Statement of Qualifications (SOQs).

Of the seven shortlisted, four (HDR, PACE Engineering, Inc., Murray Smith & Associates, Inc., and MWH) submitted SOQ's. The selection team chose MWH for this Midlakes pump station project.

Selection of MWH was based on their qualifications, completion of similar pump station projects, and the overall approach proposed for the Midlakes Pump Station Project. MWH has completed several pump station projects requiring design, construction support, community relations, permitting, utilities engineering, triple bottom line analysis, and construction phasing to maintain existing pump stations in operation while building new pump stations. Experience in all of these key areas will be needed for the Midlakes Pump Station Capacity Improvement Design Project.

As required by state law relating to contracts for architectural and engineering services, the City selects the consultant deemed to be most highly qualified for a given project. State law precludes using cost as a basis for selection of engineering firms.

EFFECTIVE DATE

If adopted, this Resolution will become effective immediately.

OPTIONS

1. Adopt Resolution No. 8738, authorizing execution of a professional services agreement with MWH Americas, Inc. for engineering services for Midlakes Pump Station Capacity Improvements - Design and Bidding Services, in the amount of $577,198.68 (CIP Plan No. S-61).

2. Do not adopt the Resolution and provide alternative direction to staff.

RECOMMENDATION

Adopt Resolution No. 8738, authorizing execution of a professional services agreement with MWH Americas, Inc. for engineering services for Midlakes Pump Station Capacity Improvements - Design and Bidding Services, in the amount of $577,198.68 (CIP Plan No. S-61).

MOTION

Move to adopt Resolution No. 8738, authorizing execution of a professional services agreement with MWH Americas, Inc. for engineering services for Midlakes Pump Station Capacity Improvements - Design and Bidding Services, in the amount of $577,198.68 (CIP Plan No. S-61).

ATTACHMENTS

CIP Project Description
Proposed Resolution No. 8738

AVAILABLE IN COUNCIL OFFICE

Consultant Contract

FY2013-2019 Capital Investment Program

S-61 Midlakes Pump Station Capacity Improvements

Category: **Sewer**
Department: **Utilities**
Status: **Approved and Begun**
Location: **Just north of Bel-Red Rd and west of 130th Ave NE**

Programmed Funding

Programmed Funding	Appropriated To Date	FY 2013 Budget	FY 2014 Budget	FY 2015 Budget	FY 2016 Budget	FY 2017 Budget	FY 2018 Budget	FY 2019 Budget
4,001,158	104,000	-	1,041,715	2,855,443	-	-	-	-

Description and Scope

This project will replace the existing Midlakes sewer pump station with a larger one, to provide capacity for planned growth in the Bel-Red Corridor through 2030.

PROJECT NEED: System Expansion

Rationale

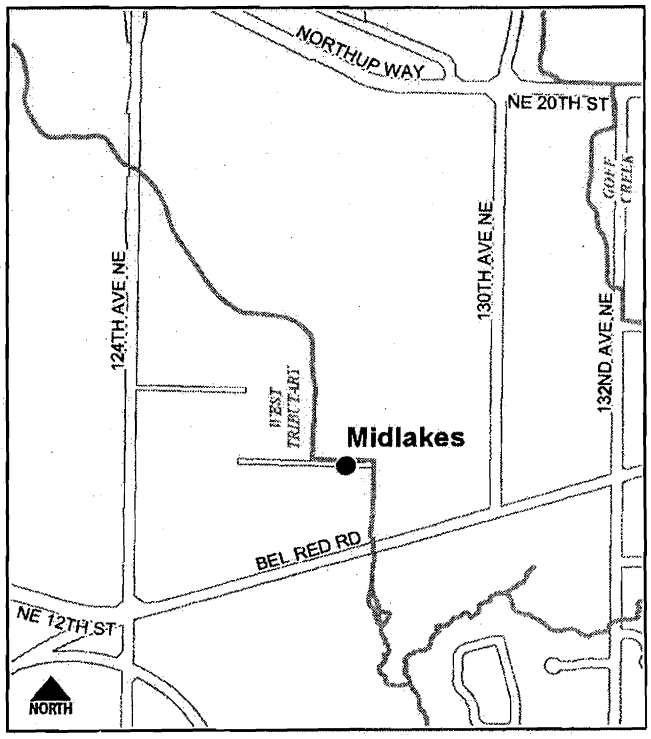
The existing station can pump 800 gallons of sewage/minute (gpm), just sufficient for the light industrial zoning in the area it has served since its original construction in 1968. Planned development in the Bel-Red Corridor includes residential housing and retail shops which will generate much more sewage. A very limited amount of redevelopment can occur before the pump station capacity must be increased, to avoid significant risk of sewage overflow to the West Tributary of Kelsey Creek.

This project will increase the station capacity to 1,100 gpm. Construction is proposed for 2014 and 2015, although it may need to be accelerated to accommodate development proposals. Costs for the added capacity would be recovered through connection charges. Costs for replacing the existing capacity would not be collected from connection charges to re-developing properties, since the station would require significant retrofit to replace old facilities and equipment even without expansion.

Environmental Impacts

Operating Budget Impacts

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Costs	2011 - 2015	4,001,158
Total Budgetary Cost Estimate:		4,001,158

Means of Financing

Funding Source	Amount
Utility Rates/Fees	4,001,158
Total Programmed Funding:	4,001,158
Future Funding Requirements:	0

Comments

3009-RES
5/1/2014

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8738

A RESOLUTION authorizing the execution of a professional services agreement with MWH Americas, Inc., in an amount not to exceed $577,198.68 (CIP Plan No. S-61) for engineering services for Midlakes Pump Station Capacity Improvements-Design and Bidding Services.

THE CITY COUNCIL OF THE CITY OF BELLEVUE, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The City Manager or his designee is hereby authorized to execute a professional services agreement with MWH Americas, Inc., in an amount not to exceed $577,198.68 (CIP Plan No. S-61) for engineering services for Midlakes Pump Station Capacity Improvements-Design and Bidding Services, a copy of which agreement has been given Clerk's Receiving No. _____.

Passed by the City Council this _____ day of _____, 2014, and signed in authentication of its passage this _____ day of _____, 2014.

(SEAL)

_____
Claudia Balducci, Mayor

Attest:

_____
Myrna L. Basich, City Clerk